

## Patron

Dr. V. K. Dadhwal, Director, IIST  
Dr. Bhoop Singh, Head, NRDMS, DST, Govt. of India

## Advisory Committee

Dr. YVN Krishna Murthy, Registrar, IIST  
Prof. A. Chandrasekar, Dean (Acad. & CE), IIST  
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Prof. Kuruvilla Joseph (SA, SW & OP), IIST

## Organizing Committee

Dr. Samir Mandal  
Dr. L Gnanappazham  
Dr. A M Ramiya  
Dr. Rama Rao Nidamanuri, Organizing Secretary

## Important Dates

Submission of Application: for last date of online application please check the website <http://dst-iget.in/>  
Dates of Workshop: June 12 - 14, 2019

## Correspondence

Organizing Secretary  
GeoSmart 2019  
Department of Earth and Space Sciences  
Indian Institute of Space Science and Technology  
Valiamala, Thiruvananthapuram - 695 547  
Phone: + 91- 471- 2568519 , 2568547  
Fax: + 91- 471- 2568462  
Email: [geoconnect.iist@gmail.com](mailto:geoconnect.iist@gmail.com)

## Accommodation

The participants will be provided free boarding and accommodation will be arranged in IIST campus. For those who wish to stay in hotels at their own cost, several budget and luxury hotels are available in Thiruvananthapuram.

## How to reach Thiruvananthapuram

Thiruvananthapuram, the capital city of Kerala is well connected to most of the other major cities of India through rail, road, and air network. The host organization, Indian Institute of Space Science and Technology (IIST) is located at Valiamala about 18 km from the Thiruvananthapuram city on the way to the famous hill resort of Ponmudi by road way. To reach IIST, it takes one hour of drive from Thiruvananthapuram International Airport or Central Railway Station.



Padmanabhaswamy temple



**Indian Institute of Space Science and Technology**

Declared as Deemed to be University under Section 3 of the UGC Act, 1956

An autonomous institute under Department of Space, Govt. of India

Valiamala, Thiruvananthapuram, Kerala - 695 547

# GeoSmart 2019

THREE DAYS ORIENTATION WORKSHOP  
ON  
GEOSPATIAL TECHNOLOGIES  
FOR  
DECISION MAKERS

*June 12 - 14, 2019*



Sponsored by  
Natural Resources Data Management System (NRDMS)  
Department of Science & Technology (DST)  
Government of India



## About the Workshop

With the government's initiative on smart cities in India and UN's Sustainable Development Goals (SDG) emphasizing on sustainable cities, it is imperative for the decision makers in public and private institutions to adapt smart urban governance practices employing advanced scientific methods. Geospatial technology is one of the key enabling technologies for natural resources and infrastructure management in an urban environment. Advanced geospatial technologies such as very high resolution mapping using drones, 3D LiDAR point cloud, cloud-enabled geodatabase, and big geospatial datacube coupled with ICT - GIS integration and inter-operation permit seamless quantification, mapping, monitoring and prediction of various facets of urban green infrastructure, utilities, facilities, governance in the context of accelerated urbanization.

This workshop is aimed at providing a comprehensive overview of the potential, status, and operational aspects of advanced geospatial technologies for public infrastructure mapping and monitoring, resource management, and resource allocation with an urban context.

The workshop includes oral and hands-on sessions with demonstrations on sample end-to-end data acquisition and processing of geospatial data.

## About IIST

Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram, an autonomous body under the Department of Space, Government of India, is Asia's first space institute and the first in the world to offer complete range of undergraduate, postgraduate, doctoral and postdoctoral programs with specific focus on space science, technology and applications. The Remote Sensing Lab of IIST is a well-developed laboratory with latest equipment and software related to various aspects of geoinformatics. The Remote Sensing Lab of IIST is the nodal center for hyperspectral remote sensing research in southern region with equipment sponsored by Department of Science and Technology, Government of India.



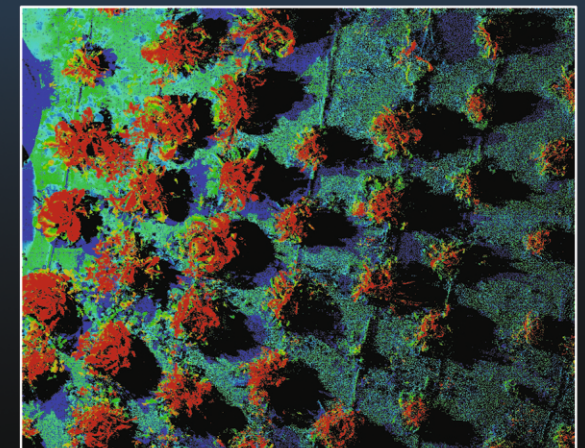
## Call for Participation

Applications are invited from working professionals / officials of various government departments, municipal corporations, faculty / scientists from research organizations, colleges / universities, industry, and public sector undertakings etc. Interested are suggested to apply through the centralized workshop application management system of the sponsoring organization at

<http://dst-iget.in/>

## Registration Fee and Travel support

There is no registration fee and travel support is available. Those requiring travel support are suggested to indicate the same in the application form. The support will be in the form of reimbursement of 3<sup>rd</sup> AC train in the shortest route possible and subject grant availability.



Drone based crop mapping